



PATENT  
Attorney Docket No. ASC-061

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): Lochtefeld *et al.*

SERIAL NO.: 10/629,498 GROUP NO.: 2811

FILING DATE: July 29, 2003 EXAMINER: Not Yet Assigned

TITLE: SELECTIVE PLACEMENT OF DISLOCATION ARRAYS

**CERTIFICATE OF FIRST CLASS MAILING UNDER 37 C.F.R. 1.8**

I hereby certify that this correspondence, and any document(s) referred to as enclosed herein, is/are being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this 21<sup>st</sup> day of April, 2004.

  
Wendy Martin

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Submitted herewith are:

1. Transmittal Form (1 pg.);
2. Supplemental Information Disclosure Statement (2 pgs.);
3. Supplemental Form PTO-1449 (1 pg.);
4. Copies of Cited References (B1-B3 and C38);
5. Return Receipt Postcard; and this
6. Certificate of First Class Mailing (1 pg.).

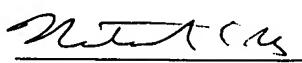


# TRANSMITTAL FORM

Application Serial Number	10/629,498
Filing Date	July 29, 2003
First Named Inventor	Lochtefeld
Group Art Unit	2811
Examiner Name	Not Yet Assigned
Attorney Docket No.	ASC-061
Patent No.	Not Applicable
Issue Date	Not Applicable

## ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form <ul style="list-style-type: none"> <li><input type="checkbox"/> Check Attached</li> <li><input type="checkbox"/> Copy of Fee Transmittal Form</li> </ul>	<input type="checkbox"/> Copy of Notice to File Missing Parts of Application	<input type="checkbox"/> Notice of Appeal to Board of Patent Appeals and Interferences
<input type="checkbox"/> Amendment/Response <ul style="list-style-type: none"> <li><input type="checkbox"/> Preliminary</li> <li><input type="checkbox"/> After Final</li> <li><input type="checkbox"/> Affidavits/declaration(s)</li> <li><input type="checkbox"/> Letter to Official Draftsperson including Drawings</li> <li>[Total Sheets _____]</li> </ul>	<input type="checkbox"/> Formal Drawings	<input type="checkbox"/> Appeal Brief (in triplicate)
<input type="checkbox"/> Petition for Extension of Time	<input type="checkbox"/> Request For Continued Examination (RCE) Transmittal	<input type="checkbox"/> Status Inquiry
<input checked="" type="checkbox"/> Supplemental Information Disclosure Statement <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Supplemental Form PTO-1449</li> <li><input checked="" type="checkbox"/> Copies of cited references</li> </ul>	<input type="checkbox"/> Power of Attorney (Revocation of Prior Powers)	<input checked="" type="checkbox"/> Return Receipt Postcard
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Terminal Disclaimer	<input checked="" type="checkbox"/> Certificate of First Class Mailing under 37 C.F.R. 1.8
<input type="checkbox"/> Sequence Listing submission <ul style="list-style-type: none"> <li><input type="checkbox"/> Paper Copy/CD</li> <li><input type="checkbox"/> Computer Readable Copy</li> <li><input type="checkbox"/> Statement verifying identity of above</li> </ul>	<input type="checkbox"/> Executed Declaration and Power of Attorney for Utility or Design Patent Application	<input type="checkbox"/> Certificate of Facsimile Transmission under 37 C.F.R. 1.8
	<input type="checkbox"/> Small Entity Statement	<input type="checkbox"/> Additional Enclosure(s) (please identify below)
	<input type="checkbox"/> CD(s) for large table or computer program	
	<input type="checkbox"/> Amendment After Allowance	
	<input type="checkbox"/> Request for Certificate of Correction <ul style="list-style-type: none"> <li><input type="checkbox"/> Certificate of Correction (in duplicate)</li> </ul>	

CORRESPONDENCE ADDRESS		SIGNATURE BLOCK	
Direct all correspondence to: Patent Administrator Testa, Hurwitz & Thibeault, LLP High Street Tower 125 High Street Boston, MA 02110 Tel. No.: (617) 248-7000 Fax No.: (617) 248-7100		Respectfully submitted,  Date: <u>Apr. 21, 2004</u> Reg. No. 44,381 Tel. No.: (617) 310-8327 Fax No.: (617) 248-7100 Natasha C. Us Attorney for the Applicants Testa, Hurwitz & Thibeault, LLP High Street Tower 125 High Street Boston, MA 02110	



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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Sir:

In accordance with the provisions of 37 C.F.R. 1.97 and 1.98, Applicants hereby make of record the patents and publications listed on the accompanying Form PTO-1449, and other information contained herein, for consideration by the Examiner in connection with the examination of the above-identified patent application. Copies of the publications and non-U.S. patents are enclosed.

**REMARKS**

In accordance with the provisions of 37 C.F.R. 1.97, this statement is being filed (CHECK ONE):

(1) within three (3) months of the **filings date** of a national application other than a continued prosecution application under 37 C.F.R. 1.53(d), or within three (3) months of the **date of entry of the national stage** as set forth in 37 C.F.R. 1.491 in an international application, or before the mailing of the **first Office action** on the merits, or before the mailing of a **first Office action** after the filing of a request for continued examination under 37 C.F.R. 1.114; or

(2) after the period defined in (1) but before the mailing date of a **final action** or a **notice of allowance** under 37 C.F.R. 1.311, and

Supplemental Information Disclosure Statement

Serial No. 10/629,498

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- the requisite Statement is below, **OR**
- the requisite fee under 37 C.F.R. 1.17(p), namely **\$180.00**, is included herein, or
- (3) after the mailing date of a **final action or notice of allowance** but before the payment of the **issue fee**, **AND**
- the requisite Statement is below, **AND**
- the requisite petition fee under 37 C.F.R. 1.17(p), namely **\$180.00** is included herein.

It is respectfully requested that each of the patents and publications listed on the attached Form PTO-1449, and other information contained herein, be made of record in this application.

Respectfully submitted,

Date: April 21, 2009  
Reg. No. 44,381

Tel. No.: (617) 310-8327  
Fax No.: (617) 248-7100

  
\_\_\_\_\_  
Natasha C. Us  
Attorney for the Applicants  
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High Street Tower  
125 High Street  
Boston, Massachusetts 02110

3055530



FORM PTO - 1449

SUPPLEMENTAL INFORMATION  
DISCLOSURE STATEMENT

ATTY DOCKET NO. ASC-061  
 APPLICANTS: Lochtefeld *et al.*  
 SERIAL NO.: 10/629,498  
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 GROUP: 2811

## U.S. PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	A16	5,357,119	10/1994	Wang <i>et al.</i>			
	A17	5,668,387	09/1997	Streit <i>et al.</i>			
	A18	5,844,260	12/1998	Ohori			
	A19	6,037,615	03/2000	Matsuyama <i>et al.</i>			
	A20	2003/0227057	12/2003	Lochtefeld <i>et al.</i>			10/2002
	A21	2004/0005740	01/2004	Lochtefeld <i>et al.</i>			06/2003
	A22	2004/0031979	02/2004	Lochtefeld <i>et al.</i>			06/2003

## FOREIGN PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG (Y/N)
	B1	0 402 209	12/1990	EP				N	Y
	B2	0 523 487	01/1993	EP				N	N
	B3	1 197 992	04/2002	EP				N	Y

## OTHER ART, JOURNAL ARTICLES, ETC.

EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)	
	C38	International Search Report for International Application No. PCT/US03/23804, 3/15/2004

EXAMINER	DATE CONSIDERED
3055488	